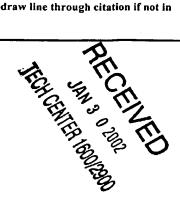
INFORMATION DISCLOSURE CITATION Attorney Docket No.: Application No.: 013306-5003U 09/891,615 (Use several sheets if necessary) Applicants: Ian Duncan RUBIN et al. Page 1 of 3 PTO Form 1449 JAN 2 8 2002 Filing Date: June 27, 2001 Group: 1614 654 ENT DO U.S. KKA CUMENTS Examiner Document Sub Initial Number Date Name Class Class Filing Date 4,062,950 12/13/1997 Frommer et al. 424 181 4,130,714 12/19/1978 Sarges 548 309 4,174,439 11/13/1979 Rauenbusch et al. 536 18 4,251,528 02/17/1981 Brittain et al. 424 250 4,254,256 03/03/1981 Otani et al. 536 18 4,436,745 03/13/1984 York, Jr. 424 273 4,438,272 03/20/1984 York, Jr. 548 308 4,464,382 08/07/1984 Tanouchi et al. 424 270 4,540,704 Ueda et al. 09/10/1985 514 389 4,600,724 07/15/1986 Sestanj et al. 514 510 4,634,765 01/06/1987 Liu 536 17.4 4,639,436 01/27/1987 Junge et al. 514 24 4,701,559 10/20/1987 Horii et al. 564 363 4,734,419 03/29/1988 Hashimoto et al. 514 259 4,771,050 09/13/1988 Meguro et al. 514 224.2 4,791,126 12/13/1988 Tanouchi et al. 514 369 4,831,045 05/16/1989 Tanouchi et al. 514 369. 4,883,800 11/28/1989 Hashimoto et al. 514 259 4,939,140 07/03/1990 Larson et al. 514 222 4,980,357 12/25/1990 Goldstein et al. 514 278 FOREIGN PATENT DOCUMENTS Document Sub **Translation** Number Date Country Class Class Yes No 96/39384 12 December 1996 wo 96/39385 12 December 1996 WO 97/24369 10 July 1997 wo 98/46243 22 October 1998 wo OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Examiner 1 Hart Date Considered 2004 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation JAN 3 0 2002 TECH CENTER 1600/2900 if not in conformance and not considered. Include copy of this form with next communication.

INFORMATION DISCLOSURE CITA Application No.: Attorney Docket No .: 013306-5003US 09/891,615 (Use several sheets if necessary) Applicants: Ian Duncan RUBIN et al. Page 2 of 3 PTO Form 1449 Filing Date: June 27, 2001 Group: 1614 CUMENTS Examiner Document Sub Initial Number Date Name Class Class **Filing Date** 5,037,831 08/06/1991 Malamas 514 278 5,066,659 11/19/1991 Lipinski 514 278 5,091,418 02/25/1992 Sawada et al. 514 569 5,091,524 02/25/1992 Vértesy et al. 536 18.7 5,157,116 10/20/1992 Ducep et al. 536 17.4 5,192,772 03/09/1993 Yoshikuni et al. 514 315 5,217,877 06/08/1993 Sawada et al. 435 64 5,252,572 10/12/1993 Hermecz et al. 514 258 5,270,342 12/14/1993 Brittain et al. 514 617 5,430,060 07/04/1995 Brittain et al. 514 617 5,447,946 09/05/1995 Kurono et al. 514 389 5,504,078 04/02/1996 Ducep et al. 514 43 5,728,704 03/17/1998 Mylari et al. 514 256 5,866,578 02/02/1999 Mylari et al. 514 256 FOREIGN PATENT DOCUMENTS Document Sub Translation Number Date Country Class Class Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Namiki et al., "Studies on the alpha-glucoside hydrolase inhibitor, adiposin", J. Antiobiotics, 35, pp. 1234-1236, (1982). J. B. Clark et al., "The diabetic Zucker fatty rat", Proc. Soc. Exp. Biol. Med. 173, pp. 68-75, (1983). Richard G. Peterson, "alpha-Glucosidase inhibitors in diabetes: lessons from animal studies", European Journal of Clinical Investigation, 24, Suppl. 3, 11-18 (1994). J. H. Johnson et al., "Underexpression of beta cell high K_m glucose transporters in non-insulin dependent diabetes", Science, 250, pp. 546-549, (1990). Y. Lee et al., "Beta-cell lipotoxicity in the pathogenesis of non-insulin dependent diabetes mellitus of obese rats: impairment in adipocyte-beta-cell relationships", Proc. Natl. Acad. Sci. USA, 91(23), pp. 10878-10882, (1994) J. L. Milburn et al., "Beta-cell GLUT-2 loss and non-insulin dependent diabetes mellitus: current status of the hypothesis", (Review) Diabetes Metab. Rev., 9(3), pp. 231-236, (1993). T. R. Pieber et al., "Amylin-insulin relationships in insulin resistance with and without diabetic hyperglycemia", Am. J. Physiol., 265(3 Pt. 1), pp. E446-E453, (1993).

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Date Considered



2000

Examiner

:										
INFORMATION DISCLOSURE CITATION (Use something the letters of the					Attorney Docket No.: 013306-5003US			Application No.: 09/891,615		
					Applicants: Ian Duncan RUBIN et al. Page 3 of 3					
PTO Form 1449				Filing Date: June 27, 2001			G	Group: -1614 1654		
U.S. PATENT DOCUMENTS										
Examiner Initial	The state of the s	Date	Name		Class	Sub Class	Filing Date			
							<u> </u>			
FOREIGN PATENT DOCUMENTS										
	Docume Numbe		Date		Country	Class	Sub Translation Class Yes No			
	•									
	OTHER	DOCUMENTS (Inc	luding Author, T	itle, Da	te, Pertinent	 Pages, Etc.)	<u> </u>	<u> </u>		
L. J. Slieker et al., "Glucose transporter levels in tissues of spontaneously diabetic Zucker fa/fa rat (ZDF/Drt) and viable yellow mouse (A ^{vy} /a)", <u>Diabetes</u> , 41, pp. 187-193, (1992).										
	J. Sturis et al., "A	J. Sturis et al., "Alterations in pulsatile insulin secretion in the Zucker diabetic fatty rat", Am. J. Physiol., (267 Endocrinol. Metab. 30), E250-259, (1994).								
	J.E. Friedman et a	J.E. Friedman et al., "Altered expression of muscle glucose transporter GLUT-4 in diabetic fatty Zucker rats (ZDF/Drt-fa)," Am. J. Physiol., 261 (Endocrinol. Metab. 24), E782-788 (1991).								
4	M. Ohneda et al., "Caloric restriction in obese pre-diabetic rats prevents beta-cell depletion, loss of beta-cell GLUT-2 and glucose incompetence", Diabetologia, 38(2), pp. 173-179, (1995).									
Examiner 1) L'Chelo 11 7 lood Date Considered 3/5/2004										
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in										

conformance and not considered. Include copy of this form with next communication.

RECEIVED JAN 3 0 JOHN TECHCENTER 1600 1600

INFORMATION DISCLO Attorney Dock Application No.: 013306-50031 09/891,615 (Use several sheets if necessary) MAR 1 2 2002 Applicants: Ian Duncan RUBIN et al. Page 1 of 1 PTO Form 1449 Group: 1614 1654 Filing Date: June 27, 2001 U.S. PATENT DOCUMENTS Examiner Document Sub Initial Number Date Name Class Class Filing Date J FOREIGN PATENT DOCUMENTS **Document** Sub Translation Number Date Country Class Class Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Peterson, Richard G., "The Zucker diabetic fatty (ZDF) rat," Lessons from animal diabetes, V. Ed. E. Shafrir, pp. 225-230, mcs Dohm, G. Lynis, et al., "Acarbose Treatment of Non-Insulin-Dependent Diabetic Fatty (ZDF/Drt-fa) Rats Restores Expression of Skeletal Muscle Glucose Transporter GLUT4," <u>Drugs in Development, Vol. 1, α-Glucosidase Inhibition</u>; <u>Potential Use in</u> mcz Diabetes, pp. 173-180 (1993).

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Date Considered

Atichela C. Fland

Examiner

INFORMATION DISCLOSURE CITATION Attorney Docket No.: Application No.: 013306-04-5003-US 09/891,615 (Use several sheets if necessary) Applicants: Ian Duncan RUBIN et al. PTO Form 1449 Group: 1623 1654 Filing Date: June 27, 2001 **U.S. PATENT DOCUMENTS Document** Sub Initial Number Date Name Class Class Filing Date 4,652,553 March 24, 1987 Hagmann et al. 5,175,154 December 29, 1992 Schwartz et al. FOREIGN PATENT DOCUMENTS Document Sub Translation Number Date Country Class Class Yes No 2 771 105 05/21/1999 FRANCE X MA < 1 099 444 A1 05/16/2001 EP X WO 98/46243 10/22/1998 PCT $\bar{\mathbf{x}}$ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 1. Flood Examiner **Date Considered** 25/2004 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation

if not in conformance and not considered. Include copy of this form with next communication.

TECH CENTER 1800/2800